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TI Water-soluble fireproofing composition with good elasticity and
adhesion to substrates
IN Masini, Giovanni
PA Italy
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AB The coating compn. with high adhesion to ferrous materials comprises 35-45 parts inorg. inert compd., 25-35 parts pozzolan cement, 18-20 parts hydrated alumina, 0 - 5 parts titania, 02 parts Al silicate, 3-3.5 parts film forming agent, 0.03-0.08 parts fluidizing agent, 0.10-0.20 rosin soap, 0.05 - 0.15 parts stabilizer, and at least 30% water. The inorg. inert compd. is selected from CaCO_3 , quartz flour, or powd. minerals, the film forming agent is selected from styrene-acrylic resins and ethylene-vinyl acetate copolymer, and the stabilizer is selected from starch and carboxymethylated starch.
ST fireproofing coating high solids calcium carbonate acrylic binder; pozzolan cement alumina silicate EVA binder fireproofing coating; metal fireproofing waterborne coating adhesion elasticity
IT Coating materials
(fire-resistant; high-inorg. solids water-sol. fire-resistan